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Problem Statement

You are given a number N, you need to print the number of positions where digits exactly divides N.

Input format

The first line contains T (number of test cases followed by T lines each containing N).

Constraints

1 <=T <= 15
$0 < N < 10^{10}$

Output Format

Number of positions in N where digits in that number exactly divides the number N.

Input

```
1
12
```

Output

```
2
```

Explanation

2 digits in the number 12 divide the number exactly. Digits at ten's place, *1*, divides 12 exactly in 12 parts, and digit at one's place, *2* divides 12 equally in 6 parts.

This challenge was a part of Pragyan 12

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⬆ Upload Code as File ☐ **Use a custom test case**

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